

Emissions of Greenhouse Gases in the United States 2004

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Table 12. U.S. Carbon Dioxide Emissions from Nonfuel Use of Energy Fuels, 1990 and 1996-2004
 (Million Metric Tons Carbon Dioxide)

End Use and Type	1990	1996	1997	1998	1999	2000	2001	2002	2003	P2004
Industrial										
Petroleum										
Liquefied Petroleum Gases...	14.8	20.3	20.6	21.5	22.4	20.4	19.1	19.9	19.0	19.3
Distillate Fuel	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Residual Fuel	1.8	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Asphalt and Road Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lubricants	6.8	6.3	6.7	7.0	7.1	7.0	6.4	6.3	5.8	5.9
Other (<i>Subtotal</i>)	51.2	51.4	55.2	60.6	66.2	53.7	51.4	52.7	52.5	61.1
Pentanes Plus.....	1.1	4.2	4.0	2.7	3.5	3.1	2.7	2.3	2.2	2.3
Petrochemical Feed	33.3	34.3	40.0	39.3	37.8	36.4	32.6	33.2	36.2	41.4
Petroleum Coke	9.0	7.5	5.9	10.8	14.4	7.1	10.5	9.7	8.3	13.8
Special Naphtha	7.8	5.4	5.3	7.8	10.6	7.1	5.7	7.5	5.9	3.7
Waxes and Miscellaneous ..	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Petroleum Subtotal</i>	74.9	80.5	85.0	91.7	98.3	83.8	79.5	81.5	80.0	89.0
Coal.....	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Natural Gas.....	16.2	18.5	18.5	19.7	18.5	19.0	18.8	19.1	19.2	19.2
<i>Industrial Subtotal</i>	91.6	99.6	104.1	112.0	117.4	103.4	98.9	101.1	99.7	108.7
Transportation										
Lubricants	6.5	6.0	6.3	6.6	6.7	6.6	6.0	6.0	5.5	5.6
Total	98.1	105.6	110.5	118.6	124.1	110.0	104.9	107.0	105.2	114.3

P = preliminary data.

Notes: Emissions from nonfuel use of energy fuels are included in the energy consumption tables in this chapter. Data in this table are revised from unpublished data used to produce the previous EIA report, *Emissions of Greenhouse Gases in the United States 2003*, DOE/EIA-0573(2003) (Washington, DC, December 2004). Totals may not equal sum of components due to independent rounding.

Sources: EIA estimates presented in this chapter.